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(54) Title: **IN VITRO METHODS FOR DETECTING RENAL CANCER**

(57) Abstract: The present invention refers to an *in vitro* method for detecting the presence of renal cancer in an individual, for determining the stage, malignancy or severity of said carcinoma in the individual or for monitoring the effect of the therapy administered to an individual having said cancer; to the search, identification, development and assessment of the efficacy of compounds for therapy for said cancer in an attempt to develop new drugs; as well as to agents inducing Plexin-131 protein expression and/or activity, or to agents inhibiting the effects of Plexin-B1 protein expression and/or activity repression.

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